

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) An Application Service Provider [[ASP]] delivery method, comprising:

providing a short-range radio frequency communications system, said system having a host computing device connected to a computer communications network over a physical communications link medium, said system being configured both to provide Application Service Provider [[ASP]] services over short-range radio communications links to wireless devices in a personal area network (PAN), and also to receive Application Service Provider [[ASP]] services from other Application Service Providers [[ASP]] in said computer communications network over said physical communications link medium;

establishing a short-range radio communications link with a wireless device in said PAN;
receiving requests for selected Application Service Provider [[ASP]] services from said wireless device;

determining if said host computing device can provide said requested Application Service Provider [[ASP]] services without requiring further assistance from another Application Service Provider [[ASP]]; and,

if said host computing device cannot provide said requested Application Service Provider [[ASP]] services without requiring further assistance from another Application Service Provider [[ASP]], retrieving said requested Application Service Provider [[ASP]] services from another Application Service Provider [[ASP]] over said physical communications link medium and forwarding retrieved Application Service Provider [[ASP]] services to said wireless device in said PAN over said short-range radio communications link.

2. (Original) The method of claim 1, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing a BLUETOOTH-based communications link with said wireless device.

3. (Original) The method of claim 1, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11b based communications link with said wireless device.

4. (Original) The method of claim 1, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11a based communications link with said wireless device.

5. (Currently Amended) An Application Service Provider [[ASP]] delivery system comprising:

a host computing system configured to communicate both with a communications network over a physical communications link medium and also with a plurality of wireless devices in a personal area network (PAN);

a short-range radio communications system for establishing and maintaining wireless communications in said PAN; and,

a list of Application Service Provider [[ASP]] services which can be accessed by said wireless devices in said PAN, said list indicating which Application Service Provider [[ASP]] services can be distributed to said wireless devices in said PAN, said Application Service Provider [[ASP]] services in said list residing locally in said host computing system and remotely in Application Service Provider [[ASP]] servers in said communications network.

6. (Original) The system of claim 5, wherein said short-range radio communications system comprises:

a short-range radio communications system configured in accordance with BLUETOOTH specifications.

7. (Currently Amended) The system of claim 5, wherein said short-range radio communications system comprises:

[[an]]_a short-range radio communications system configured in accordance with [[IEEE 802.11b]] IEEE 802.11a.

8. (Currently Amended) The system of claim 5, wherein said short-range radio communications system comprises:

[[an]]_a short-range radio communications system configured in accordance with IEEE 802.11b.

9. (Currently Amended) A machine readable storage having stored thereon a computer program for delivering Application Service Provider [[ASP]] based services, said computer program comprising a routine set of instructions for performing the steps of:

establishing a short-range radio communications link with a wireless device in a personal area network (PAN);

receiving requests for selected Application Service Provider [[ASP]] services from said wireless device;

determining if said requested Application Service Provider [[ASP]] services can be provided without requiring further assistance from an external Application Service Provider [[ASP]]; and,

if said requested Application Service Provider [[ASP]] services cannot be provided without requiring further assistance from an external Application Service Provider [[ASP]], retrieving said requested Application Service Provider [[ASP]] services from an external Application Service Provider [[ASP]] and forwarding said retrieved Application Service Provider

[[ASP]] services to said wireless device in said PAN over said short-range radio communications link.

10. (Original) The machine readable storage of claim 9, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing a BLUETOOTH-based communications link with said wireless device.

11. (Original) The machine readable storage of claim 9, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11b based communications link with said wireless device.

12. (Original) The machine readable storage of claim 9, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11a based communications link with said wireless device.